

◆ 2W(UD)系列电磁阀(小口径)
2W(UD)Series solenoid Valve(Small Aperture)



● 2W040-10



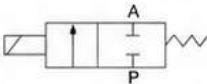
● 2S025-08

● 订购码 Ordering Code

2W	025	-	08	-	AC110V	-	V	-	D
规格代码	流量孔径		接管口径		标准电压		油封代号		接线形式
2W: 二位二通电磁阀(直动式)	Aperture of Flow Rate		Joint Pipe Bore		Standard Voltage		Seal: NBR		Wiring Form:
2WH: 二位二通电磁阀(高压直动式)	012:1.2mm		06:G1/8		DC12V		V: VITON (高温用)		空白: 盒式引线式铁壳线圈
2S: 二位二通不锈钢电磁阀(直动式)	020:2.0mm		08:G1/4		DC24V		Oil Seal Code		D: 接线盒式封塑线圈
2SH: 二位二通不锈钢电磁阀(高压直动式)	025:2.5mm		10:G3/8		AC24V 50Hz/60Hz		Blank: NBR		E: 防爆线圈
Specification Code	040:4.0mm				AC36V 50Hz/60Hz		V: VITON (for high temperature)		G: 防水线圈
2W: Two position two way solenoid valve (direct drive type)					AC110V 50Hz/60Hz				Blank: Lead Wire Type
2WH: Two position two way solenoid valve (high pressure direct drive type)					AC220V 50Hz/60Hz				D: Join Connector
2S: Stainless steel two position two way solenoid valve (direct drive type)					AC380V 50Hz/60Hz				E: Blas-tproof Coil
2SH: Stainless steel two position two way solenoid valve (high pressure direct drive type)									G: Water-proof Coil

图形符号 Graphic Symbol

常闭
Normal Close

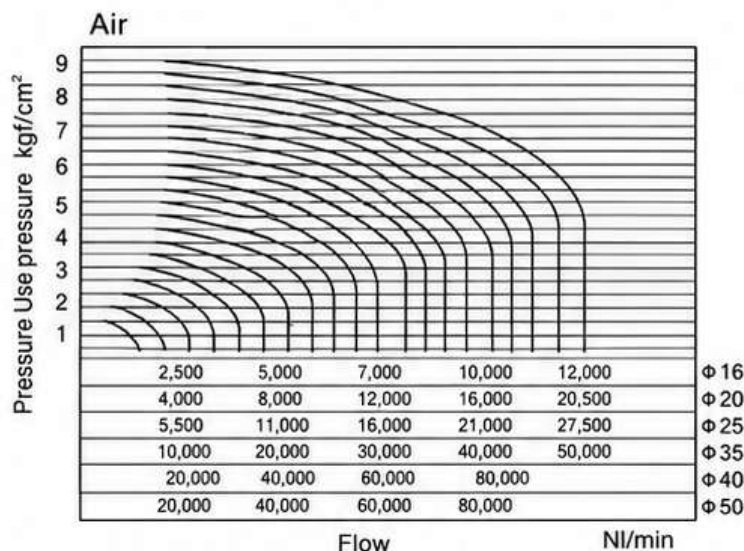
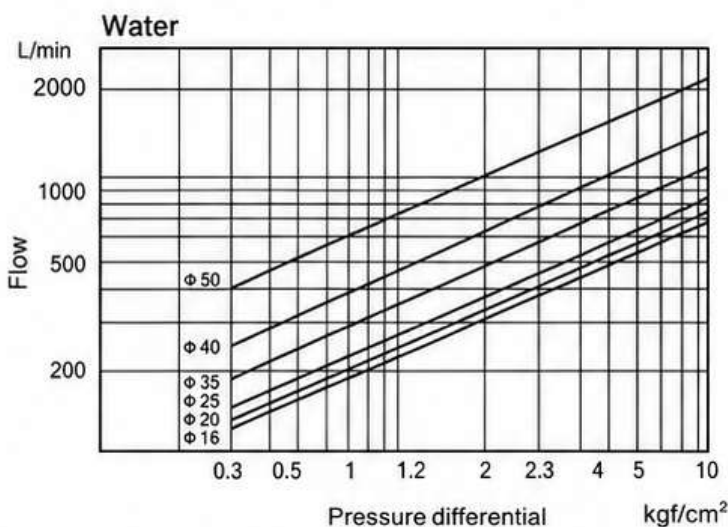


● 规格 Specification

型号 Model	2W025-06	2W025-08	2W040-10	2WH012-06	2WH012-08	2WH020-10
	2S025-06	2S025-08	2S040-10	2SH012-06	2SH012-08	2SH020-10
工作介质/Working Medium	空气Air, 水Water, 油Oil					
动作方式/Motion Pattern	直 动 式 Direct Drive Type					
型式/Type	常闭型 Normal Close Type / 常开型 Normal Open Type					
流量孔径/Aperture of Flow Rate(mm)	2.5		4.0	1.2		2.0
CV值/CV Value	0.23		0.60	0.05		0.15
接管口径/Joint Pipe Bore	G1/8	G1/4	G3/8	G1/8	G1/4	G3/8
使用流体粘度/Operation Fluid Viscosity	20 CST (Below)					
使用压力/Working-pressure	0~0.7MPa			0~2.0MPa		
最大耐压力/Max. Pressure Resistance	1.0MPa			3.5MPa		
工作温度范围/Operating Temperature Range	NBR -5~+80℃			VITON -5~+120℃		
使用电压范围/Voltage Range	± 10%					
本体材质/Material of Body	2W:黄铜 Brass, 2S: 不锈钢 Stainless Steel					
油封材质/Material of Oil Seal	NBR, EPDM or VITON					

2W (UW) brass series water(hot water) & gas solenoid valve. Normally Closed

Flow curve table

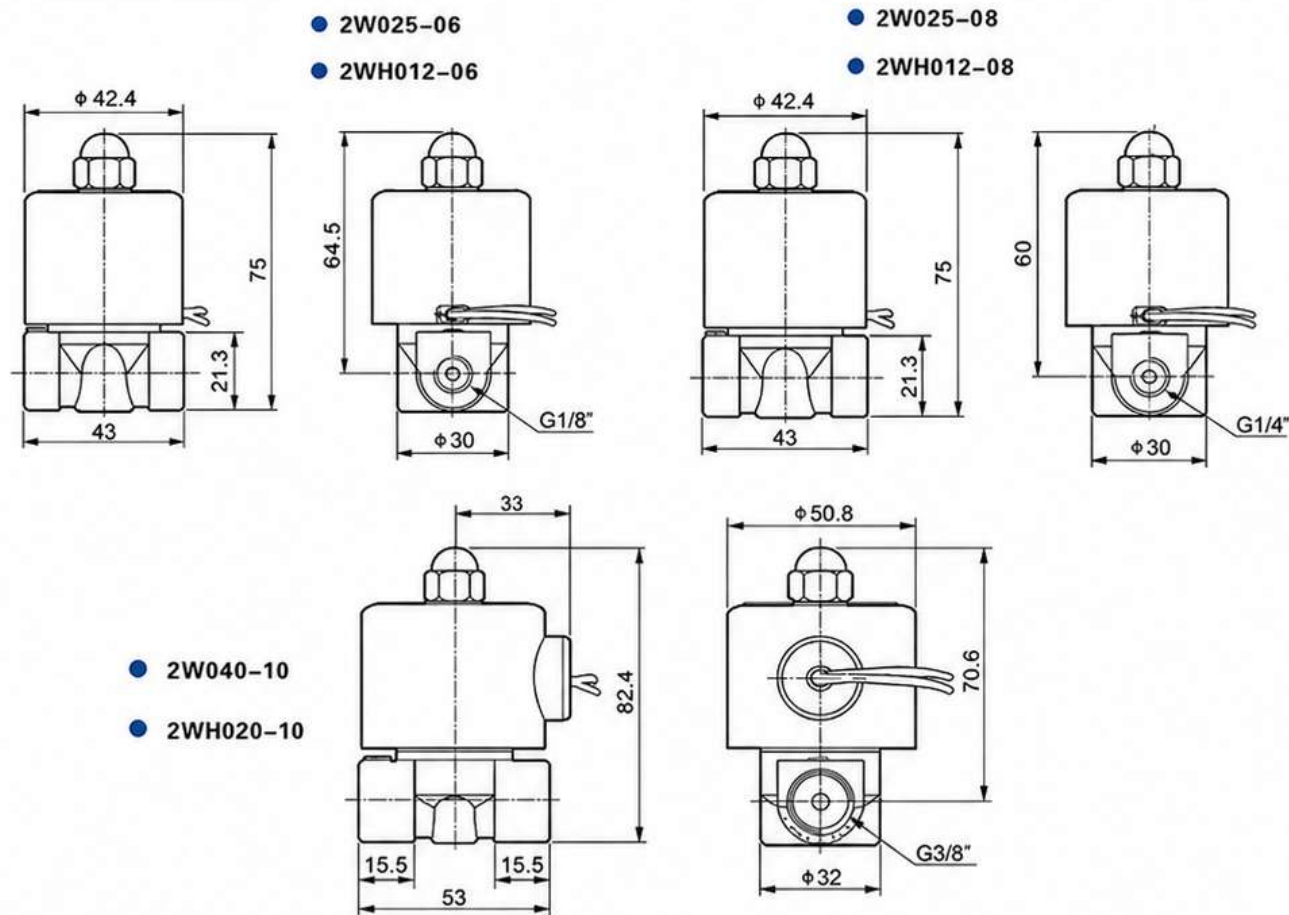


Data

Model	Pipe Conne- ction	Orifice mm	Cv Value	Working pressure							Max Temperature of Fluid °C NBR/ VITON	Coil Data			SIZE LxWxH AxBxC
				Min Pressure	Max pressure							Coil Class	Power		
					Air Mashgas		Water hot water Liquid		light oil ≤ 20CST				VA	W	
2W025-08A	1/4"	2.5	0.23	0	8	8	8	8	8	8	80(180)	B	25	16	40X26X75
2W025-08	1/4"	2.5	0.23	0	8	8	8	8	8	8	80(180)	B	25	16	40X30X75
2W040-10	3/8"	4	0.6	0	8	5	10	5	5	4	80(180)	B	22	18	47X32X85
2W160-10	3/8"	16	4.8	0	10	6	10	6	7	4	80(180)	B	22	18	64X52X102
2W160-15	1/2"	16	4.8	0	10	6	10	6	7	4	80(180)	B	22	18	57X53X98
2W160-15	1/2"	16	4.8	0	10	6	10	6	7	4	80(180)	B	22	18	64X56X108
2W160-15	1/2"	16	4.8	0	10	6	10	6	7	4	80(180)	B	22	18	68X56X110
2W200-20	3/4"	20	7.6	0	10	6	10	6	7	4	80(180)	B	22	18	65X56X110
2W200-20	3/4"	20	7.6	0	10	6	10	6	7	4	80(180)	B	22	18	72X56X115
2W250-25	1"	25	12	0	10	6	10	6	7	4	80(180)	B	22	18	85X73X120
2W250-25	1"	25	12	0	10	6	10	6	7	4	80(180)	B	22	18	92X79X125
2W320-32	1 1/4"	32	20	0	10	6	10	6	7	4	80(180)	B	22	18	94X79X130
2W320-32	1 1/4"	32	24	0	10	6	10	6	7	4	80(180)	B	35	30	110X88X158
2W400-40	1 1/2"	36	26	0	10	6	10	6	7	4	80(180)	B	35	30	110X88X166
2W400-40	1 1/2"	40	29	0	10	6	10	6	7	4	80(180)	B	35	30	112X94X168
2W500-50	2"	46	40	0	10	6	10	6	7	4	80(180)	B	35	30	118X94X178
2W500-50	2"	46	40	0	10	6	10	6	7	4	80(180)	B	35	30	135X94X178
2W500-50	2"	50	48	0	10	6	10	6	7	4	80(180)	B	35	30	155X114X180
2W400-40F	4-Φ18 Φ110	40	29	0	10	6	10	6	7	4	80(180)	B	35	30	150X142X225
2W500-50F	4-Φ18 Φ125	50	48	0	10	6	10	6	7	4	80(180)	B	35	30	185X123X230
2W160-15 With Filter For car use	1/2"	16	4.8	0	5	5	5	5	4	4	80(180)	B	22	18	64X53X110

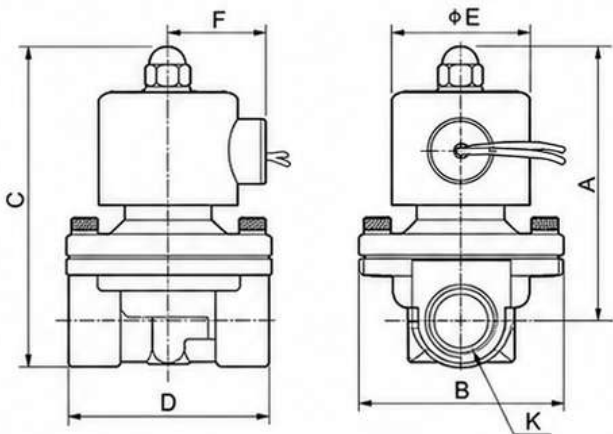
◆ 2W(UW)系列电磁阀(大口径)
 2W(UW)Series solenoid Valve(Large Aperture)

● 外形尺寸/ Overall Dimension



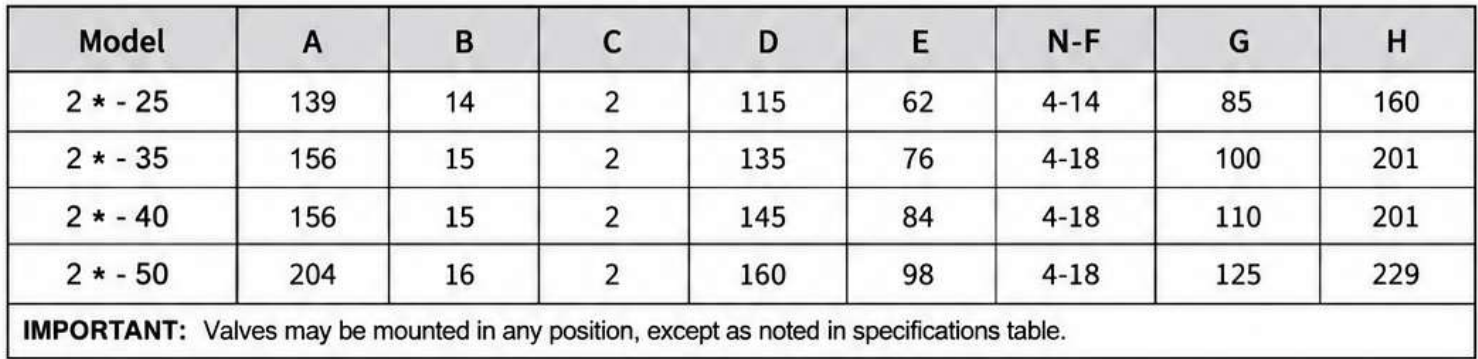
◆ 2W(UW)系列电磁阀(大口径)
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● 外形尺寸 Overall Dimension



● 尺寸表 Dimension Sheet

符号/型号 Symbol/Model	A	B	C	D	E	F	K
2W160-10	101.5	57	117	69	50	36	G3/8
2W160-15	101.5	57	117	69	50	36	G1/2
2W200-20	107	57	123.5	73	50	36	G3/4
2W250-25	111.5	73.5	134.5	99	50	36	G1
2W350-35	142	95	172	123	70.5	56	G1¼
2W400-40	142	95	172	123	70.5	56	G1½
2W500-50	172	123	209	168	70.5	56	G2



Valve body seal material selection List

● The Professional Solenoid Valves Manufactory

☒ Satisfactory ☐ Unsatisfactory Blank-test(may or may not be used)

Material Fluid Media	Brass	Cast Iron	Stainless Steel	Plastic	NBR	EPDM	VITON	PTFE
Air	✓	✓	✓	✓	✓	✓	✓	✓
Natural Gas	✓	✓	✓		✓	✓	✓	✓
Oxygen	✓	✓	✓	✓	✓	✓	✓	✓
Hydrogen	✓		✓		✓		✓	✓
City Gas	✓		✓				✓	✓
Industrial gas	✓		✓		✓			✓
Nitrogen	✓		✓				✓	✓
Refined Oil	✓	✓	✓				✓	✓
Water	✓	✓	✓	✓	✓	✓	✓	✓
Steam	✓	✓	✓		×	✓	✓	✓
Drinking Water	✓	✓	✓	✓		✓		✓
Sea	✓		✓	✓	✓	✓	✓	✓
Industrial Waste Water			✓				✓	✓
Gasoline	✓	✓	✓			×	✓	✓
Kerosene	✓	✓	✓	✓	✓	×	✓	✓
Diesel oil	✓	×	✓	✓	✓	×	✓	✓
Milk	✓	✓	✓	✓	✓	✓	✓	✓
Wine	✓	✓	✓	✓	✓	✓	✓	✓
Alcohol	✓	✓	✓		✓	×		✓
Acetylene	✓	✓	✓		✓	×	✓	✓
Alcohol,Ethyl(Ethanol)	✓	✓	✓		✓	×	✓	✓
Acetone	✓	✓	✓		✓	×	×	✓
Ammonia					×			✓
Toluene	✓	✓	✓			×	✓	✓
Xylene	✓	✓	✓			×	✓	✓
Propane	✓	✓	✓			×	✓	✓
Methane	✓	✓	✓		✓	×	✓	✓
Sulfur Dioxide	✓	✓	✓				✓	✓
Sodium Hydroxide<20%		✓	✓		✓	×		✓
Nitric Acid<10%			✓				✓	✓
Sulfuric Acid<20%							✓	✓
Hydrochloric Acid10%								✓
Acetic Acid	✓	✓	✓		✓	×	✓	✓